

# AM7115MT-FUW



**Marke:**

**Artikelnummer:** AM7115MT-FUW

## Short Description

5 Megapixel Edge Sensor

Robust metal housing

~375nm + white LEDs

20-220x magnification

Versatility due to exchangeable caps

## Beschreibung

The Dino-Lite AM7115MT-FUW is part of the Dino-Lite special light range. This model has two types of LED lights that are switchable between white and UV light. The UV LEDs are near UV LEDs with a spectrum of 375nm. This model offers a standard working distance, a wide magnification range from 20 – 220x and comes with a high quality 5 megapixel Edge sensor.



5 megapixel  
2592 x 1944



USB 2.0



Adjustable  
~20x-220x



Standard working  
distance



Metal  
housing



Flexible LED  
Control FLC



UV-LEDs  
375 nm

Magnification  
lock



Measurement  
functionality



Exchangeable  
cap

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## The main features of the AM7115MT-FUW are:

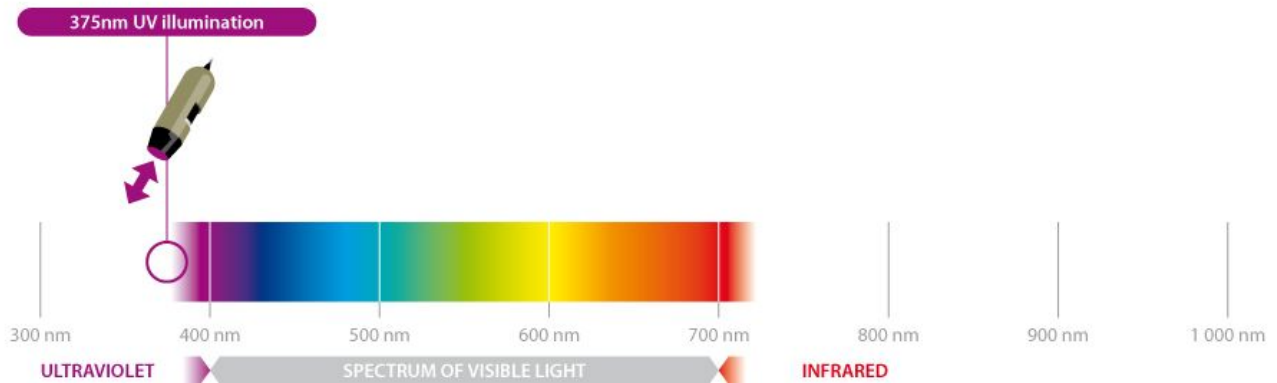
- 5 Megapixel Edge sensor
  - USB 2.0
  - 20-220x magnification
  - Metal housing
  - —
  - N—
  - Extensive measurement functions
  - —
  - Exchangeable front caps
- and more...

### Working distance/field of view/depth of field

| MAGNIFICATION RATE | WORKING DISTANCE | FIELD OF VIEW(X)<br>* Without front cap | FIELD OF VIEW(Y) | DEPTH OF FIELD<br>Unit = mm |
|--------------------|------------------|---|------------------|-----------------------------|
| 20                 | 60.2             | 19.5                                    | 14.6             | 2.5                         |
| 30                 | 33.5             | 13.0                                    | 9.7              | 1.8                         |
| 40                 | 20.9             | 9.8                                     | 7.3              | 1.5                         |
| 50                 | 13.9             | 7.8                                     | 7.8              | -                           |
| 60                 | 9.7              | 6.5                                     | 5.8              | -                           |
| 70                 | 7.1              | 5.6                                     | 4.2              | 1.0                         |
| 80                 | 5.5              | 4.9                                     | 3.6              | -                           |
| 90                 | 4.5              | 4.3                                     | 3.2              | -                           |
| 100                | 4.1              | 3.9                                     | 2.9              | -                           |
| 110                | 4.0              | 3.6                                     | 2.7              | -                           |
| 120                | 4.1              | 3.3                                     | 2.4              | -                           |
| 130                | 4.5              | 3.0                                     | 2.2              | -                           |
| 140                | 5.0              | 2.8                                     | 2.1              | -                           |
| 150                | 5.6              | 2.6                                     | 1.9              | -                           |

|     |      |     |     |   |
|-----|------|-----|-----|---|
| 160 | 6.3  | 2.4 | 1.8 | - |
| 170 | 7.1  | 2.3 | 1.7 | - |
| 180 | 8.0  | 2.2 | 1.6 | - |
| 190 | 8.9  | 2.1 | 1.5 | - |
| 200 | 9.9  | 2.0 | 1.5 | - |
| 210 | 10.9 | 1.9 | 1.4 | - |
| 220 | 11.9 | 1.8 | 1.3 | - |

## Special Light



## Spezifikation

| Lighting               |  |
|------------------------|--|
| Light/ LED type        | ~375 nm UV + white                         |
| Number of LEDs         | 4+4  |
| LED on/off switchable: | Yes  |
| Infrared filter        | IR cut-filter >650 nm                      |
| Diffuser available     | Yes (N3C-D included)                       |
| Emission filter        | Yes, Emission barrier filter 375 nm        |
| Polarizer              | No   |
| Optics                 |  |
| Magnification          | 20x ~ 220x                                 |
| Macro zoom             | No   |
| Working distance       | Standard                                   |
| Lens type              | Glass with anti-reflection coating         |
| Sensor                 |  |
| Sensor type            | CMOS                                       |
| Resolution             | 5 Megapixel (2592x1944)                    |
| Maximum frame rate     | 30 fps                                     |
| Compatibility          |  |
| Interface              | USB 2.0                                    |
| Operating system       | Windows 7, 8, 10 & 11, MacOS 10.9 and up   |
| Software               | DinoCapture 2.0 (Windows), DinoXcope (Mac) |

|                                   |   |
|-----------------------------------|---|
|                                   | OS)   |
| Supported image formats (Windows) | BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX |
| Supported video formats (Windows) | WMV, FLV, SWF   |
| Supported image formats (MacOS)   | JPEG, PNG   |
| Supported video formats (MacOS)   | MOV (max. 1.3MP)  |
| Imaging standards                 | DirectShow, UVC   |
| Wifi                              | Wireless-ready, requires the WF-10 WiFi streamer (optional)           |
| <b>Housing</b>                    |   |
| Housing material                  | Metal housing   |
| Magnification lock                | Yes   |
| Dimensions                        | 10.5cm (L) x 3.2cm (D)  |
| Weight                            | 140g  |
| Cable length                      | 1.8m  |
| <b>Features</b>                   |   |
| Special feature                   | No  |
| Measurement                       | Yes   |
| Calibration                       | Yes   |
| Microtouch sensor                 | Yes   |
| ESD safe                          | Yes   |
| <b>Information</b>                |   |
| Package contents                  | Microscope, carry pouch, software CD, calibration target, user manual |
| Warranty information              | 2 years European warranty   |
| Regulatory approval               | CE, FCC, ROHS   |
| Price range                       | €900,00 - €1100,00  |